

Date: Sat, 18 Sep 93 04:30:19 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V93 #45  
To: Ham-Equip

Ham-Equip Digest                      Sat, 18 Sep 93                      Volume 93 : Issue    45

Today's Topics:

2m Feautres Advice Sought  
FAQ (2 msgs)  
Filters for TS-530  
Info about Alinco DJ-580E needed  
MFJ-9020  
Need help - wiring Icom remote mic  
TH77A power on reset problem

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>

Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Thu, 16 Sep 1993 16:10:05 GMT  
From: wupost!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!news.yale.edu!  
smithc@decwrl.dec.com  
Subject: 2m Feautres Advice Sought  
To: ham-equip@ucsd.edu

At risk of being criticized like another was I am going to post a more  
basic level question for advice. I would like to know which features  
on a 2m I need to pay attention to. Some would be because the decision  
is vital in terms of need to be made, while others would be real niceties  
that make use that much easier (like a rear window defroster). At this  
stage I am looking more for features rather than for recommendations of  
units (although I would not reject those).

I would be looking for a mobile (lighter weight) unit, and I think a real  
nicety would be an external speaker microphone that I could clip on my

chest. I will be using the unit for two primary tasks: logging into a radio net on a regular basis and using it in the field for ground-ground and ground-air communication with similar groups.

Any advice or hints you could offer concerning features to look for or to decide about would be appreciated. Using a few units for a day each did not prompt any strong help for me.

Thanks,  
Christopher

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Date: Fri, 17 Sep 1993 15:05:01 GMT  
From: mdisea!mothost!schbbs!news@uunet.uu.net  
Subject: FAQ  
To: ham-equip@ucsd.edu

Is there a FAQ for rec.radio.amatuer.equipment?

Just starting in this field, I'm trying to do homework as regards which equipment is both good and affordable. But I don't want to ask questions in this forum unless/until I've done the best I can to get existing answers.

If there's no FAQ, would anyone care to suggest:

- the "better" dual band (2m,70cm) HT's ?
- a good mobile equivalent, preferably with "general coverage" ?

Thanks,  
tony briggs

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Date: Fri, 17 Sep 1993 22:51:21 GMT  
From: wupost!math.ohio-state.edu!caen!uvaarpa!murdoch!livia.acs.Virginia.EDU!  
jeg7e@decwrl.dec.com  
Subject: FAQ  
To: ham-equip@ucsd.edu

In article <1993Sep17.150501.28848@schbbs.mot.com>,  
<o10022@waccvm.corp.mot.com> wrote:  
>Is there a FAQ for rec.radio.amatuer.equipment?

The Radio groups are blessed with a very complete and zealously evolving group of FAQ's. The groups themselves have only recently changed and become more diverse however, and the FAQ structure does not yet reflect this (I'm not sure if it will) So, you'll find lots

of great information, but not necessarily in a 'rec.radio.amateur.equipment' FAQ.

>If there's no FAQ, would anyone care to suggest:

Regardless...

> - the "better" dual band (2m,70cm) HT's ?

Icom = ICW21AT Yaesu = FT-530 Kenwood = TH78A

Icom suffers from poor audio (send and receive) probably due to the small area left for the speaker/mic opening because of the keypad.

Yaesu simply isn't as good a radio as the Icom. Intermod is a reality, poor out of band receive (and tx, into a dummy load, of course) But the speaker/mic remote control w/ backlight LCD display speaks for itself, marvelous. (I had a ICW2A for a couple years before this FT-530, and a Kenwood TH215A and TH75A before that)

Kenwood is an old design, what have they done lately?

> - a good mobile equivalent, preferably with "general coverage" ?

Alinco DJ-600 is a fully remote control operational marvel, should be a work horse, though my favorite, Icom has a similar unit.

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Any opinions expressed herein are not intended to be construed as those of UVA

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\ \ / Jon Gefaell, Computer Systems Engineer      | Amateur Radio - KD4CQY
 \ \ / Information Technology and Communications    | -Will chmod for food-
  \ / The University of Virginia, Charlottesville | Hacker@Virginia.EDU
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Date: 17 Sep 93 04:24:38 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!  
magnus.acs.ohio-state.EDU!hcheyney@network.ucsd.edu  
Subject: Filters for TS-530  
To: ham-equip@ucsd.edu

Has anyone installed and used the 1.8kHz filter option for SSB on a Kenwood TS-530. I would like to know if this is a worthwhile improvement for SSB copy on QRM laden bands like 20m and 40m or is 1.8 too sharp for good speech intelligibility ? Anyone have one for sale (YK-88SN).

Harold, N80CM

Internet: Cheyney.1@osu.edu

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Date: Thu, 16 Sep 93 12:15:40 GMT  
From: pipex!uknet!zaphod.axion.bt.co.uk!silver!jvt@uunet.uu.net  
Subject: Info about Alinco DJ-580E needed  
To: ham-equip@ucsd.edu

Hi,

In article <1993Sep15.104023.6144@siemens.co.at>,  
Gerald Forthuber <forg@cent.gud.siemens.co.at> wrote:

>  
>I own an Alinco DJ-580E (E...european version) and I want to request if  
>there is any possibility to modify this handy so that it can transmit  
>and receive from 144 to 148 MHz.

Receive is no problem. Just look in your handbook for the section on  
opening the receiver. There is a keycode sequence which will unlock the  
rx to much more than you require.

Tx is another matter. It requires the cutting of a jumper and is VERY  
DANGEROUS in that the action enables the 580 to transmit (or at least  
try to transmit) on any frequency it can receive on. I have tried this  
into a power meter and registered output at 900 MHz !!!

73, John

--

John Trickey <jvt@its.bt.co.uk>  
Voice: +44 21 524 8200 Fax: +44 21 553 6120  
(Home) <john@its.bt.co.uk> || <john@g4rev.ampr.org> || G4REV @ GB7TCP  
+44 21 308 8892

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Date: Thu, 16 Sep 93 06:50:15  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!darwin.sura.net!news-  
feed-2.peachnet.edu!concert!mms!n4elm.dave@network.ucsd.edu  
Subject: MFJ-9020  
To: ham-equip@ucsd.edu

For SALE:

MFJ 9040 40 Meter QRP Transceiver  
superhet RX with 4 pole crystal filter  
5 watts output (adjustable)

RIT, AGC  
With manual and box  
Like NEW condition  
\$ 125.00 obo

WANTED:

Looking for late model solid-state HF rig with blown  
finals for a project. Especially interested in IC-735,  
FT-707, FT-101ZD, TS-530S, or any TEN-TEC rigs.

Leave a message here or call (919) 992-3925 anytime & leave a message.  
73 - Dave, N4ELM.

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Date: Thu, 16 Sep 93 11:08:29 GMT  
From: mnemosyne.cs.du.edu!nyx!dtock@uunet.uu.net  
Subject: Need help - wiring Icom remote mic  
To: ham-equip@ucsd.edu

I have an Icom IC21, and am trying to connect a headset to it.

I would like to wire the headset through a switch box with a PTT in  
it, but I notice the Icom mics (ie HM75) have up down and band select  
buttons as well.

Given that all the connections are through the mic and ext speaker  
jacks, that makes 5 switches, a mic and a speaker, all wired through  
3 leads. plus ground and supply! I guess it is all done with resistors  
and capacitors (the mic isn't active is it?)

OK. So hows it done. Does anyone have a schematic for the HM75 or  
similar? Has anyone opened up theirs and can describe it for me.  
Basically, how the heck does it work???

Any information appreciated, even if it is based on other manufacturers,  
as it may be relevant. I have studied the circuits, but can not figure  
it out from there alone.

Thanks and 73s

David (GM0SYA)

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Date: Thu, 16 Sep 93 16:17:33 GMT  
From: news2.uunet.ca!uunet.ca!wildcan!sq!rph@uunet.uu.net

Subject: TH77A power on reset problem  
To: ham-equip@ucsd.edu

I have faint memories of somebody mentioning a fix from Kenwood for a power on reset problem some years back.

My radio (3 years old) has developed a tendency to, when plugged into 13.8V, not turn on. After unplugging it, it still won't turn on. The only solution has been to remove the battery pack as well, wait ten seconds, plug it back in, and then it powers up but with all memories reset (wah!). I scoped it and suspect the reset circuitry is acting up: the radio seems to only "half" power up; everything powers up but the CPU fails to reset because the reset line didn't quite drop low enough.

The local Kenwood factory tech has no record of any mods for this symptom. The closest he could find was entitled "memory loss with low battery pack", but he agreed that that couldn't be the problem.

Does this ring any bells out there?

Pontus Hedman                                  rph@sq.com                                  {uunet|utzoo}!sq!rph  
AX25:VE3RPH @ VE30GS.#SCON.ON.CAN.NOAM                                  (416) 239-4801

Date: 17 Sep 93 12:32:49 GMT  
From: mulvey!rich@uunet.uu.net  
To: ham-equip@ucsd.edu

References <1993Sep16.081245.11774@ke4zv.atl.ga.us>,  
<rcrw90-160993093003@node\_142cf.aieg.mot.com>,  
<1993Sep17.012142.16859@ke4zv.atl.ga.us>  
Subject : Re: Aluminum Tower Info Needed

gary@ke4zv.UUCP (Gary Coffman) writes:

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> In article <rcrw90-160993093003@node_142cf.aieg.mot.com> rcrw90@email.mot.com
> (Mike Waters) writes:
>>In article <1993Sep16.081245.11774@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us
>>(Gary Coffman) wrote:
>>> Dyechem is a special fluorescent dye that shows surface cracks that
>>> you normally can't see. It works on most materials. Magnafluxing is
>>> a method of detecting cracks by passing a magnetic field through the
>>> object and attracting a magnetic dye to the cracks. This will find
>>> cracks that Dyechem can't because they don't extend to the surface.
>>
>>Hmmm, can an individual buy/rent this equipment? How would one go about
>>it?
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>  
> Dyechem is available from most large machine shop suppliers. Magnafluxing  
> equipment can be purchased from the same sources, or from larger test  
> equipment vendors. I've never tried to rent magnaflux equipment, but I  
> wouldn't be surprised if someone was in the business of renting it.  
> Get out the phone book and start calling around.  
>

Alternately, he could check with local engine-repair shops. I've had  
great luck around here having material tested for only a few bucks.

- Rich

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Rich Mulvey	Amateur Radio: N2VDS	787 Elmwood Terrace
rich@mulvey.com	"Ignorance should be painful."	Rochester, NY 14620

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End of Ham-Equip Digest V93 #45  
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